Amendments to the Specification:

The paragraph beginning at Page 1, lines 12-23, through to Page 2, lines 1-18 to be amended as follows:

--Various methods, systems and apparatus relating to the present invention are disclosed in the following co-pending applications filed by the applicant or assignee of the present invention simultaneously with the present application:

~~US Patent Application Serial Number (which would be filed in at a later date, when the number is received)~~	~~Docket No.~~
~~09/~~	~~ART80US~~
~~09/~~	~~ART82US~~
~~09/~~	~~ART83US~~
~~09/~~	~~ART84US~~
~~09/~~	~~ART 85US~~

<u>09/693,471,   09/693,134,   09/693,078,   09/693,226   09/693,317</u>

The disclosures of these co-pending applications are incorporated herein by reference.

Various methods, systems and apparatus relating to the present invention are disclosed in the following co-pending application filed by the applicant or assignee of the present invention on July 10, 1998:

USSN 09/113,070 ~~(Docket No. ART02US)~~

USSN 09/112,785 ~~(Docket No. ART29US)~~

The disclosures of this co-pending application are incorporated herein by reference.

Various methods, systems and apparatus relating to the present invention are disclosed in the following co-pending applications filed by the applicant or assignee of the present invention on June 30, 2000:

USSN 09/608,308 ~~(Docket No. CPE01US),~~

USSN 09/608,779 ~~(Docket No. CPE02US)~~

USSN 09/607,987 ~~(Docket No. CPE03US)~~

USSN 09/608,776 ~~(Docket No. CPE04US)~~

USSN 09/<u>607,250</u> ~~(Docket No. CPE05US)~~

USSN 09/607,991 ~~(Docket No. CPE06US)~~

The disclosures of these co-pending applications is incorporated herein by reference.

BACKGROUND OF THE INVENTION

As the applicant has previously noted in pending applications USSN 09/113,070 (Docket No. ART02US) and USSN 09/112,785 (Docket No. ART29US) there is a general need for a print media scanning system that allows for high volumes of computer data to be stored on a simple print media, such as a card while simultaneously tolerating a high degree of corruption when read by a scanning device. For example, the form of distribution can suffer a number of data corruption errors when the surface is scanned by a scanning device. The errors can include:--

The paragraph beginning at Page 3, lines 9-15, to be amended as follows:

--In applications USSN 09/113,070 (Docket No. ART02US) and USSN 09/112,785 (Docket No. ART29), the applicant disclosed a method and apparatus for printing data in an encoded fault tolerant form on the back of a photograph preferably using black ink on a white background. The data represented the photograph in a digital image file format and/or data comprising a computer programme script which could be run to recreate the image or to apply some effect to the image. A programming language called a VARK script was invented for this purpose which was designed to be portable and device independent.--

The paragraph beginning at Page 4, lines 24-30, to be amended as follows:

--Preferably, the means for printing employs a pagewidth printhead using an ink jet structure, for example, as disclosed in applicant's USSN 09/608,308 (Docket No. CPE01US), USSN 09/608,779 (Docket No. CPE02US), USSN 09/607,987 (Docket No. CPE03US), USSN 09/608,776 (Docket No. CPE04US), USSN 09/607,250 (Docket No. CPE05US), and USSN 09/607,991 (Docket No. CPE06US) with a print roll feeding print media therethrough, for example as disclosed in applicant's Artcam applications, USSN 09/113,070 (Docket No. ART02US) and USSN 09/112,785 (Docket No. ART29).--

The paragraph beginning at Page 5, lines 26-32, through to Page 6, lines 1-14 to be amended as follows:

--The present invention preferably uses an ink jet printing system having at least four ink jet print nozzles per dot in a pagewidth printhead. The four inks would be cyan, magenta, and yellow for printing a color image and an infra-red (IR) ink for printing data in an encoded fault tolerant form along with the color image. One such ink jet printhead which can print using four inks is disclosed in the applicant's co-pending applications USSN 09/608,779 ~~(Docket No. CPE02US)~~, USSN 09/607,987 ~~(Docket No. CPE03US)~~, USSN 09/608,776 ~~(Docket No. CPE04US)~~, USSN 09/607,250 ~~(Docket No. CPE05US)~~, and USSN 09/607,991 ~~(Docket No. CPE06US)~~.

Infra-red inks suitable for use with the current invention are disclosed in the applicant's co-pending applications, Australian provisional patent applications PQ9412 ~~(Docket No. INK01)~~ and PQ9376 ~~(Docket No. INK02)~~ both filed on August 14, 2000 and applicant's applications PQ9509 ~~(Docket No. INK03)~~ filed on August 18, 2000, and PQ9571 ~~(Docket No. INK03A)~~, and PQ9561 ~~(Docket No. INK04)~~ filed on August 21, 2000.

Techniques that can be used to encode the information for printing an infra-red ink are disclosed applicant's co-pending application USSN 09/113,070 ~~(Docket No. ART02US)~~ and USSN 09/112,785 ~~(Docket No. ART29)~~, the description of which is incorporated herein by reference. These techniques were described as Artcard, alternative Artcard or Dotcard formats. In these applications, the data was printed using a black ink on a white background on the back of a card of size 85mmx55mm in an active data area of 80mmx50mm. In this way 967Kbytes of data was fault tolerantly encoded as 1.89 Mbytes of data using 15,876,000 printed dots.--

The paragraph beginning at Page 7, lines 7-10, to be amended as follows:

--The structure of data on the photograph is therefore specifically designed to aid the recovery of data. This section describes the format of the data on a photograph. This format was previously described in USSN 09/113,070 ~~(Docket No. ART02US)~~ and USSN 09/112,785 ~~(Docket No. ART29)~~.--

The paragraph beginning at Page 12, lines 12-16, to be amended as follows:

--The image processing control scrip will typically not consume more than 10 Kbytes of data, with the exception of images embedded in the script. These images should generally be compressed. A suitable image processing script language designed for photograph processing is the 'Vark' language developed by the present applicant and disclosed in USSN 09/113,070 ~~(Docket No. ART02US)~~. The remaining data is small, and need not be compressed.--

The paragraph beginning at Page 15, lines 30-33, through to Page 16, lines 1-18 to be amended as follows:

--The encoded image data is sent to an ink jet printer to drive the infra-red ink jet nozzles while the image data is used to drive the cyan, magenta, and yellow color nozzles while the print media is driven through the printhead of the printer as disclosed in applicant's co-pending applications USSN 09/113,070 ~~(Docket No. ART02US)~~ and USSN 09/112,785 ~~(Docket No. ART29)~~.

The image taken by the camera system is now available as a photographic image with the data necessary to reproduce that image printed therewith. It is not necessary to separately locate the negative if another copy of the photograph is desired, the image can be reproduced notwithstanding damage thereto and the image is available in a digital format which can be scanned into a computer system as disclosed in applicant's co-pending applications USSN 09/113,070 ~~(Docket No. ART02US)~~ and USSN 09/112,785 ~~(Docket No. ART29)~~ for whatever purpose or transmitted over a telecommunications network.

Another type of format the so-called Artcard format is disclosed in USSN 09/113,070 ~~(Docket No. ART02US)~~ and USSN 09/112,785 ~~(Docket No. ART29US)~~ and may equally be used here in place of the "alternative Artcard" format as described above. In the Artcard format a continuous area of data is printed on the print media, in the present case, in infra-red ink on the photograph surrounded by margins printed as targets at the leading and trailing edges of the data area and as other indicia to specify borders and clockmarks along the top and bottom thereof to aid decoding of the data contained in the data area. The targets are used to confirm that the orientation of the card when read is not rotated more than 1° from the horizontal and to detect whether the card has been inserted front or back first. Otherwise the reading of the data would be unreliable.--